WHAT IS CLAIMED IS:

1. A process for preparing (3S,4S)-N-((1S,4S)-4-isopropyl-4-{[3-(trifluoromethyl)-7,8-dihydro-1,6-naphthyridin-6(5H)-yl]carbonyl}cyclopent-2-en-1-yl)-3-methoxytetrahydro-2H-pyran-4-amine comprising the steps of:

(1) reacting (1*S*,4*S*)-4-(2,5-dimethyl-1*H*-pyrrol-1-yl)-1-isopropylcyclopent-2-ene-1-carboxylic acid with 3-(trifluoromethyl)-5,6,7,8-tetrahydro-1,6-naphthyridine;

(2) treating 6-{[(1S,4S)-4-(2,5-dimethyl-1H-pyrrol-1-yl)-1-isopropylcyclopent-2-en-1-yl]carbonyl}-3-(trifluoromethyl)-5,6,7,8-tetrahydro-1,6-naphthyridine with hydroxylamine; and

(3) coupling (1*S*,4*S*)-4-isopropyl-4-{[3-(trifluoromethyl)-7,8-dihydro-1,6-naphthyridin-6(5*H*)-yl]carbonyl}cyclopent-2-en-1-amine with (3R)-3-methoxytetrahydro-4H-pyran-4-one.

2. A process for the preparing ((1R,3S)-3-isopropyl-3-{[3-(trifluoromethyl)-7,8-dihydro-1,6-naphthyridin-6(5H)-yl]carbonyl}cyclopentyl)[(3S,4S)-3-methoxytetrahydro-2H-pyran-4-yl]amine comprising the steps of:

(1) reacting (1*S*,4*S*)-4-(2,5-dimethyl-1*H*-pyrrol-1-yl)-1-isopropylcyclopent-2-ene-1-carboxylic acid with 3-(trifluoromethyl)-5,6,7,8-tetrahydronaphthyridine;

(2) treating 6-{[(1S,4S)-4-(2,5-dimethyl-1H-pyrrol-1-yl)-1-isopropylcyclopent-2-en-1-yl]carbonyl}-3-(trifluoromethyl)-5,6,7,8-tetrahydro-1,6-naphthyridine with hydroxylamine;

(3) coupling (1*S*,4*S*)-4-isopropyl-4-{[3-(trifluoromethyl)-7,8-dihydro-1,6-naphthyridin-6(5*H*)-yl]carbonyl}cyclopent-2-en-1-amine with (3R)-3-methoxytetrahydro-4H-pyran-4-one; and,

(4) hydrogenating (3S,4S)-N-((1S,4S)-4-isopropyl-4-{[3-(trifluoromethyl)-7,8-dihydro-1,6-naphthyridin-6(5H)-yl]carbonyl}cyclopent-2-en-1-yl)-3-methoxytetrahydro-2H-pyran-4-amine.

3. A process for preparing ((1R,3S)-3-isopropyl-3-{[3-(trifluoromethyl)-7,8-dihydro-1,6-naphthyridin-6(5H)-yl]carbonyl}cyclopentyl)[(3S,4S)-3-methoxytetrahydro-2H-pyran-4-yl]amine succinate comprising the steps of:

(1) reacting (1*S*,4*S*)-4-(2,5-dimethyl-1*H*-pyrrol-1-yl)-1-isopropylcyclopent-2-ene-1-carboxylic acid with 3-(trifluoromethyl)-5,6,7,8-tetrahydronaphthyridine;

(2) treating 6-{[(1S,4S)-4-(2,5-dimethyl-1H-pyrrol-1-yl)-1-isopropylcyclopent-2-en-1-yl]carbonyl}-3-(trifluoromethyl)-5,6,7,8-tetrahydro-1,6-naphthyridine with hydroxylamine;

(3) coupling (1*S*,4*S*)-4-isopropyl-4-{[3-(trifluoromethyl)-7,8-dihydro-1,6-naphthyridin-6(5*H*)-yl]carbonyl}cyclopent-2-en-1-amine with (3R)-3-methoxytetrahydro-4H-pyran-4-one; and,

(4) hydrogenating (3S,4S)-N-((1S,4S)-4-isopropyl-4-{[3-(trifluoromethyl)-7,8-dihydro-1,6-naphthyridin-6(5H)-yl]carbonyl}cyclopent-2-en-1-yl)-3-methoxytetrahydro-2H-pyran-4-amine.

(5) contacting ((1R,3S)-3-isopropyl-3-{[3-(trifluoromethyl)-7,8-dihydro-1,6-naphthyridin-6(5H)-yl]carbonyl}cyclopentyl)[(3S,4S)-3-methoxytetrahydro-2H-pyran-4-yl]amine with succinic acid.

4. A process for preparing (1S,4S)-4-(2,5-dimethyl-1H-pyrrol-1-yl)-1-isopropylcyclopent-2-ene-1-carboxylic acid comprising the steps of:

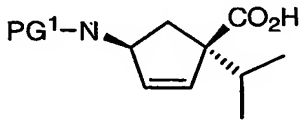
(1) reacting (1R,4S)-4-aminocyclopenten-2-ene-1-carboxylic acid with MeOH and thionyl chloride;

(2) reacting methyl (1R,4S)-4-aminocyclopenten-2-ene-1-carboxylate with acetylacetone;

(3) reacting methyl (1R,4S)-4-(2,5-dimethyl-1H-pyrrol-1-yl)cyclopent-2-ene-1-carboxylate with 2-iodopropane; and,

(4) reacting methyl (1S,4S)-4-(2,5-dimethyl-1H-pyrrol-1-yl)-1-isopropylcyclopent-2-ene-1-carboxylate with NaOH and MeOH.

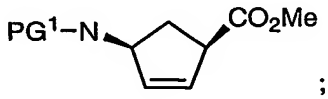
5. A process for the preparing:



comprising the steps of:

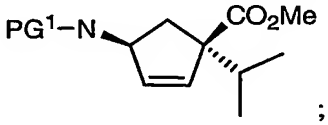
(1) reacting (1R,4S)-4-aminocyclopenten-2-ene-1-carboxylic acid with MeOH and thionyl chloride;

(2) adding a protecting group (P.G.[1]) to the product of (1) to form:



;

(3) reacting the product of step (2) with 2-iodopropane to form:



; and,

(4) reacting the product of step (3) with NaOH and MeOH.

6. The process of claim 5 wherein the protecting group is selected from: *tert*-butoxycarbonyl, benzyloxycarbonyl, alkyloxycarbonyl, allyloxycarbonyl, benzoyl, formyl, trifluoroacetyl, acetyl, 2-nitrobenzenesulfonyl, 4-nitrobenzenesulfonyl, 2,4-dinitrobenzenesulfonyl, benzyl, triphenylmethyl, and various imines (including diphenylmethyleneimine).

7. A process for preparing 3-(trifluoromethyl)-5,6,7,8-tetrahydro-1,6-naphthyridine comprising the steps of:

(1) reacting 3,3,3-trifluoropropionic acid with $POCl_3$, DMF, $NaPF_6$ and a base;

(2) reacting CF_3DT with a protected piperidone; and

(3) reacting N-(protecting group)-3-(trifluoromethyl)-5,6,7,8-tetrahydronaphthyridinene in the presence of HCl and methanol.

8. The process of claim 7 wherein the protecting group is selected from: *tert*-butoxycarbonyl, benzyloxycarbonyl, alkyloxycarbony, allyloxycarbonyl, 2-nitrobenzenesulfonyl, 4-nitrobenzenesulfonyl, 2,4-dinitrobenzenesulfonyl, benzoyl, acetyl, formyl, trifluoroacetyl, N-benzyl, and triphenylmethyl.

9. The process of claim 7 wherein the protecting group is *tert*-butoxycarbonyl (BOC).

10. A process for the preparing (3R)-3-methoxytetrahydro-4H-pyran-4-one comprising the steps of:

(1) reacting tetrahyro-4H-pyran-4-one with tripropylorthoformate and chlorobenzene;

(2) reacting 4-propoxytetrahydro-2H-pyran-ethene in the presence of acetone, water, hydroquinidine-1,4-phthalazinediyl diether ($DHQD_2PHAI$), potassium osmate dehydrate, and 4-methylmorpholine N-oxide monohydrate (NMO);

(3) reacting 3,4-dihydroxy-tetrahydro-2-H-pyran-4-sulfonic acid, sodium salt with methanol and trimethylorthoformate in the presence of an acid; and

(4) reacting 4,4-dimethoxytetrahydro-2H-pyran-3-ol in the presence of THF, NaOt-Bu, Me_2SO_4, and an acid.